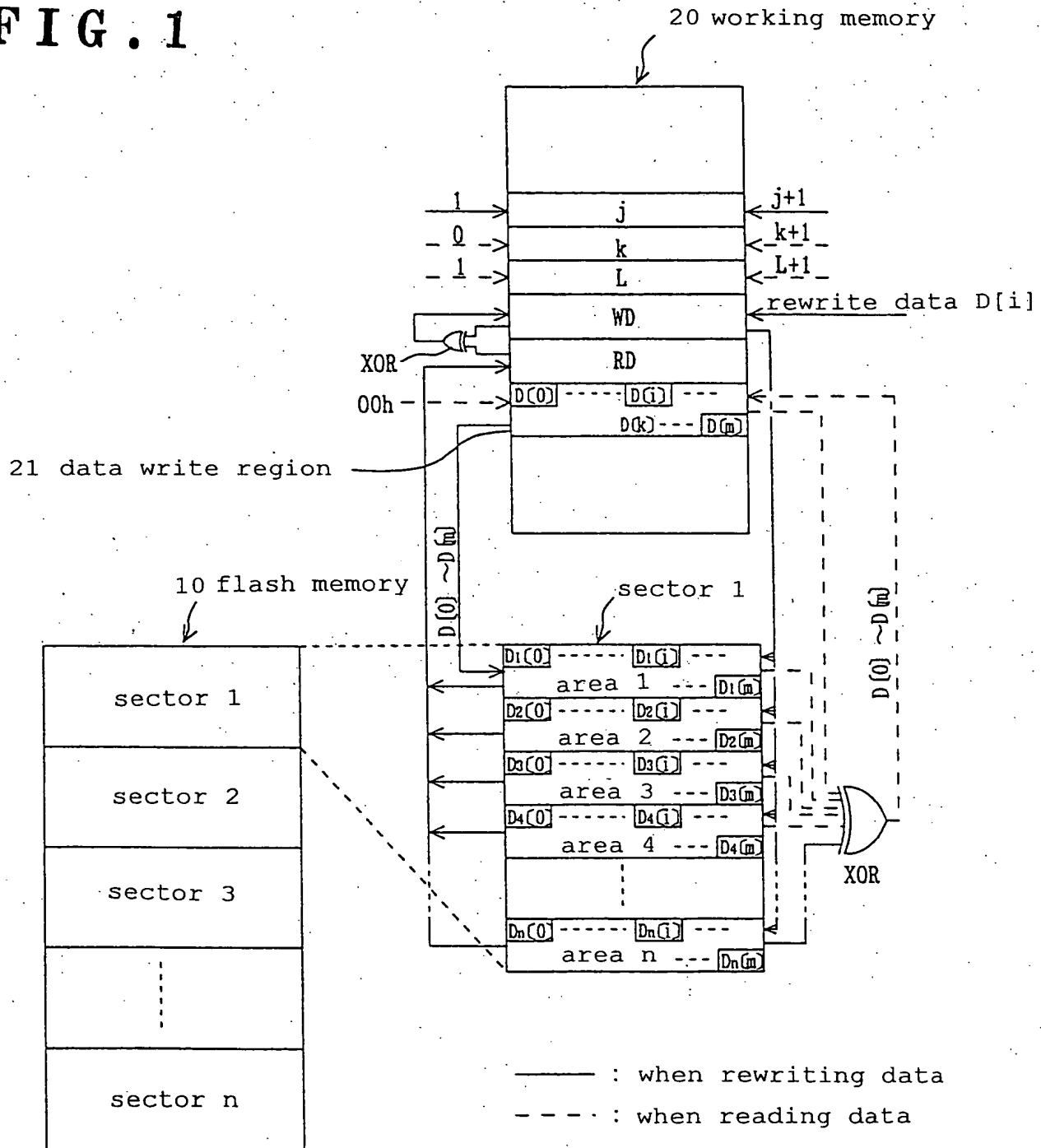


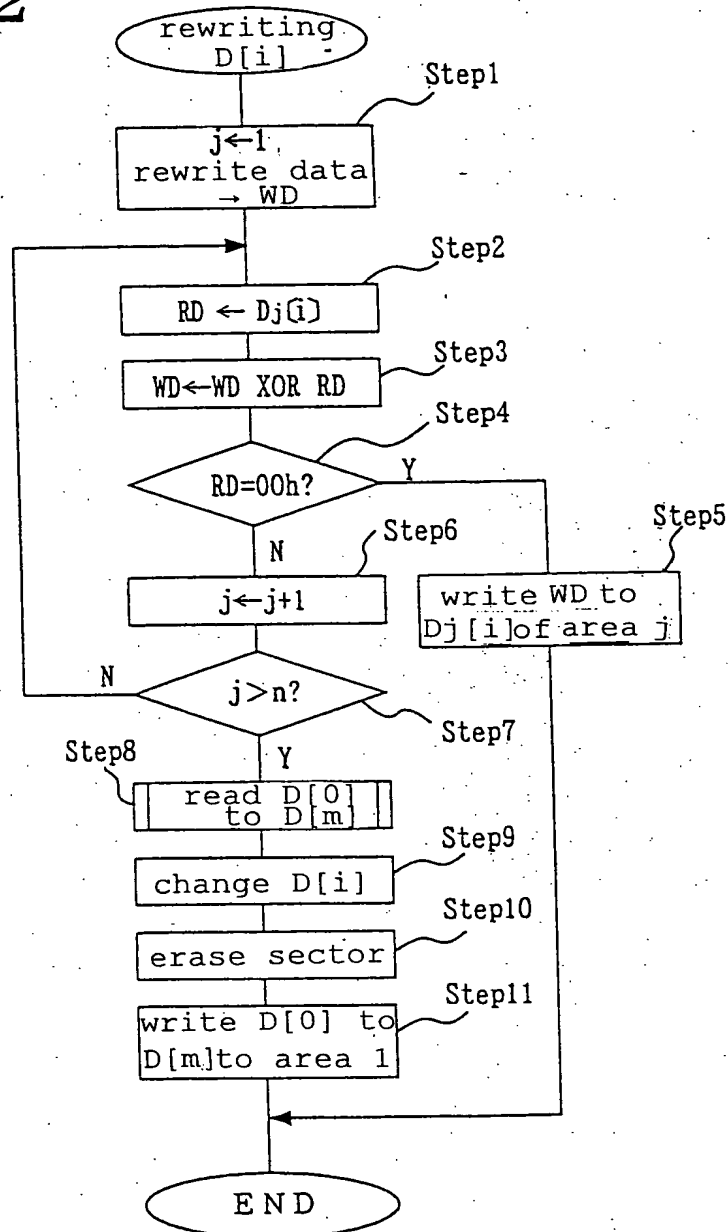
FIG. 1



2/21

US08-0323

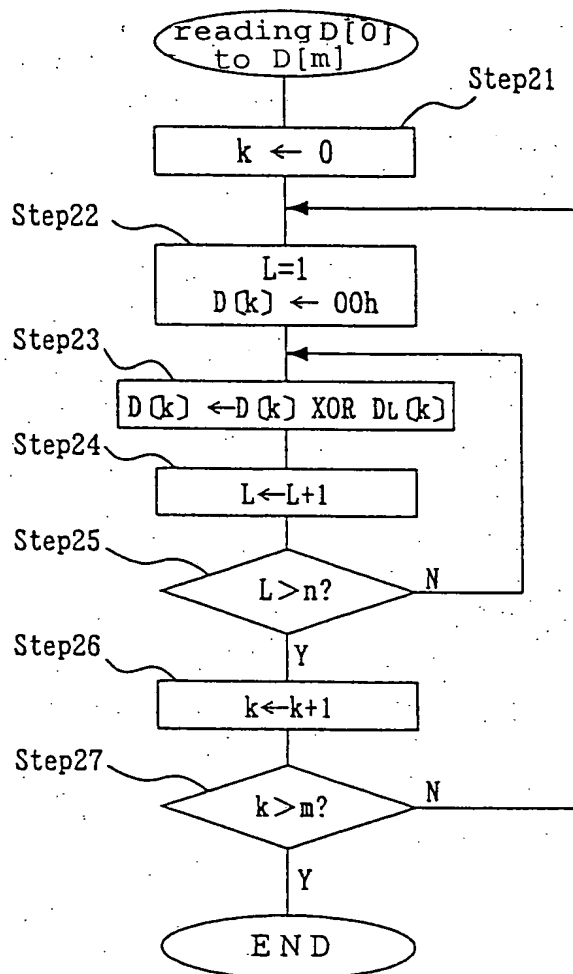
FIG. 2



3/21

US08-0323

FIG. 3



sector 1

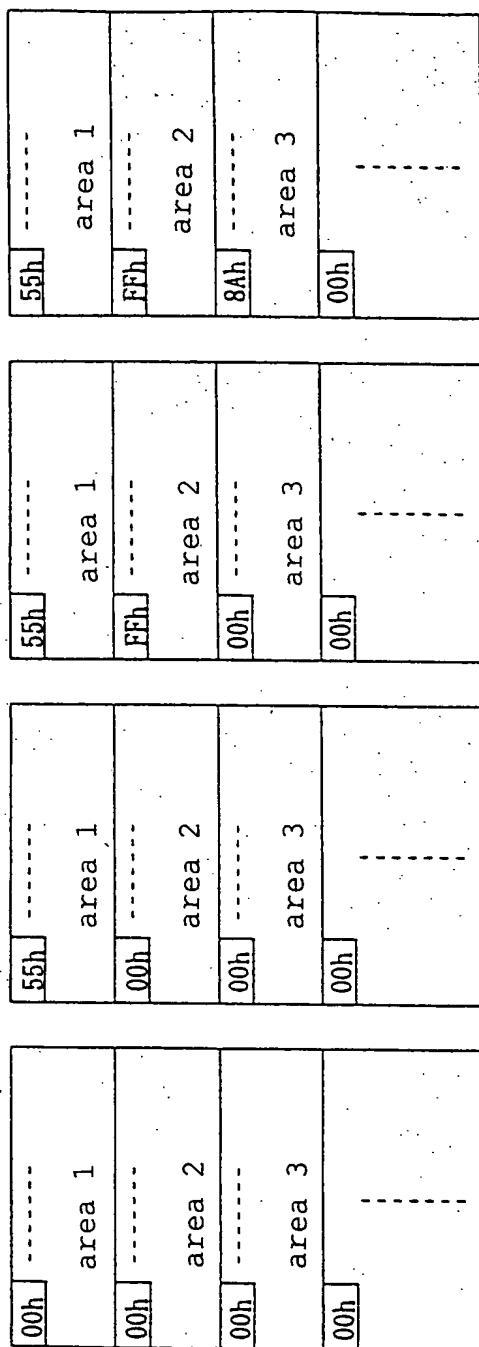


FIG. 4A FIG. 4B FIG. 4C FIG. 4D

5/21

US08-0323

FIG. 5

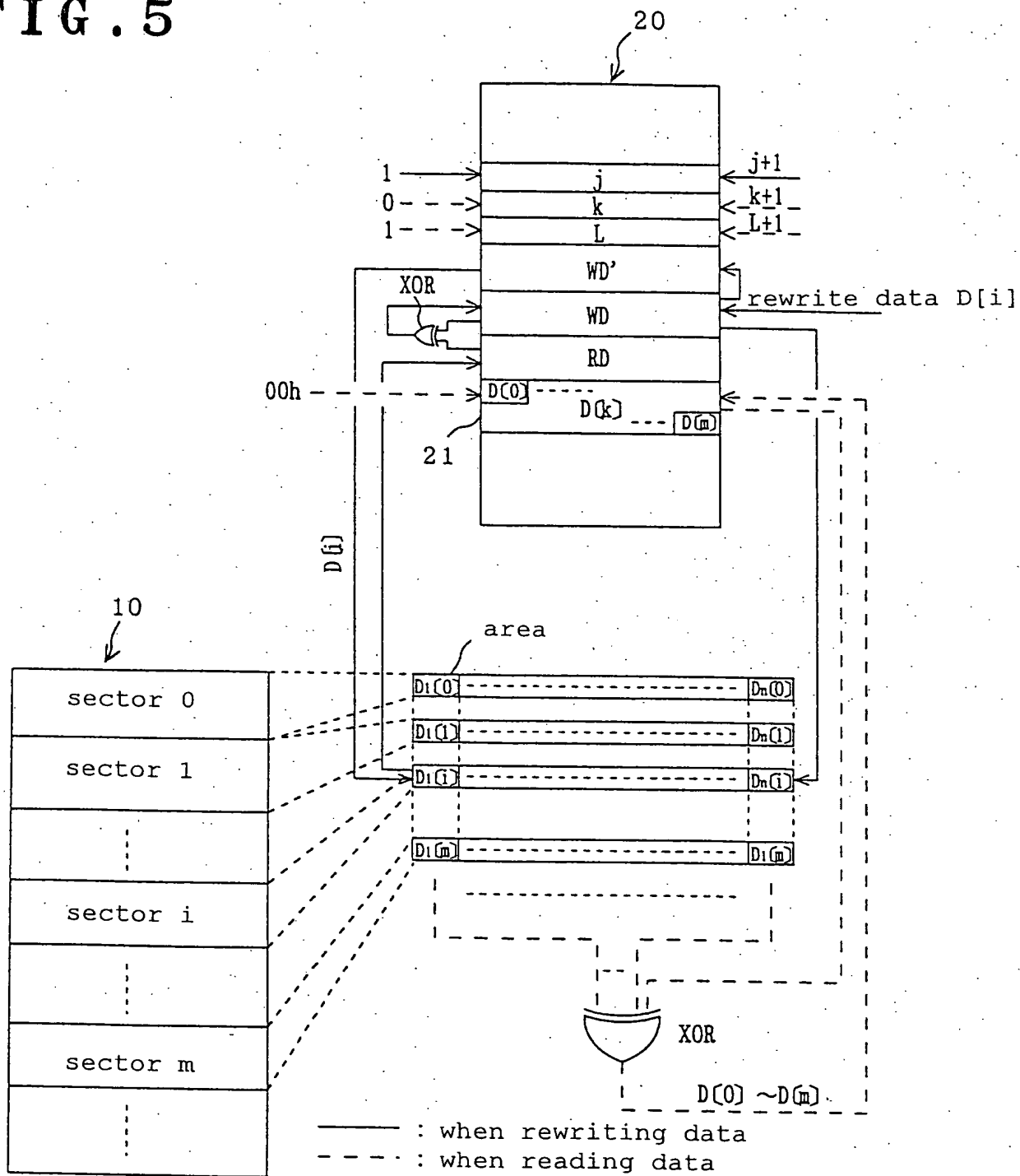
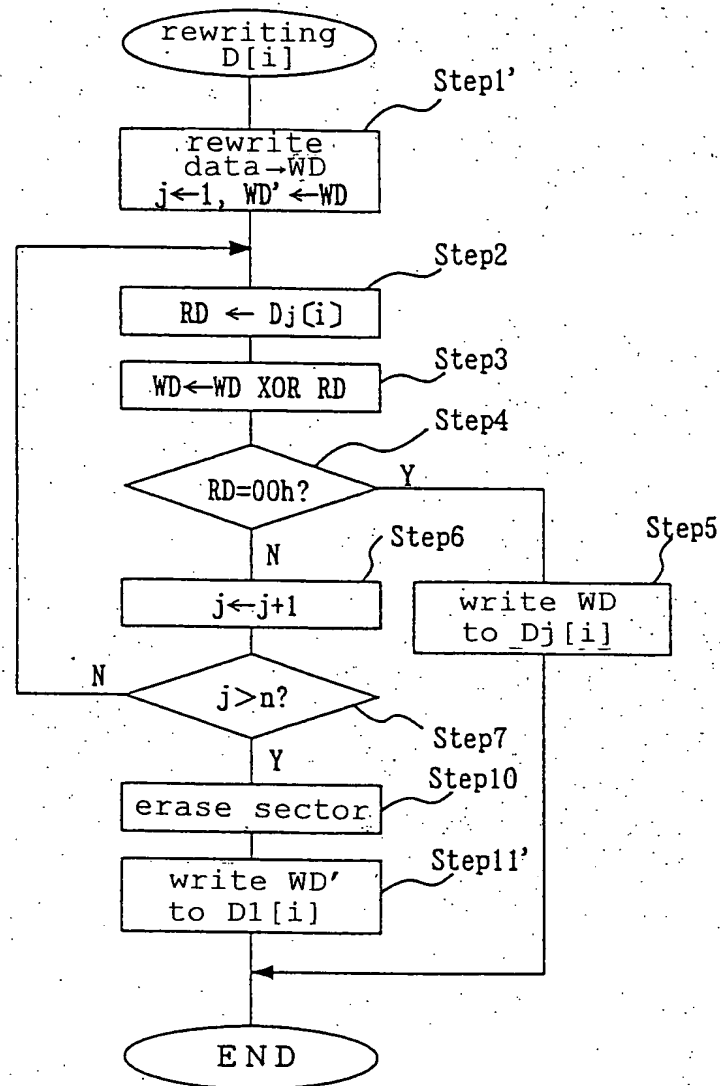
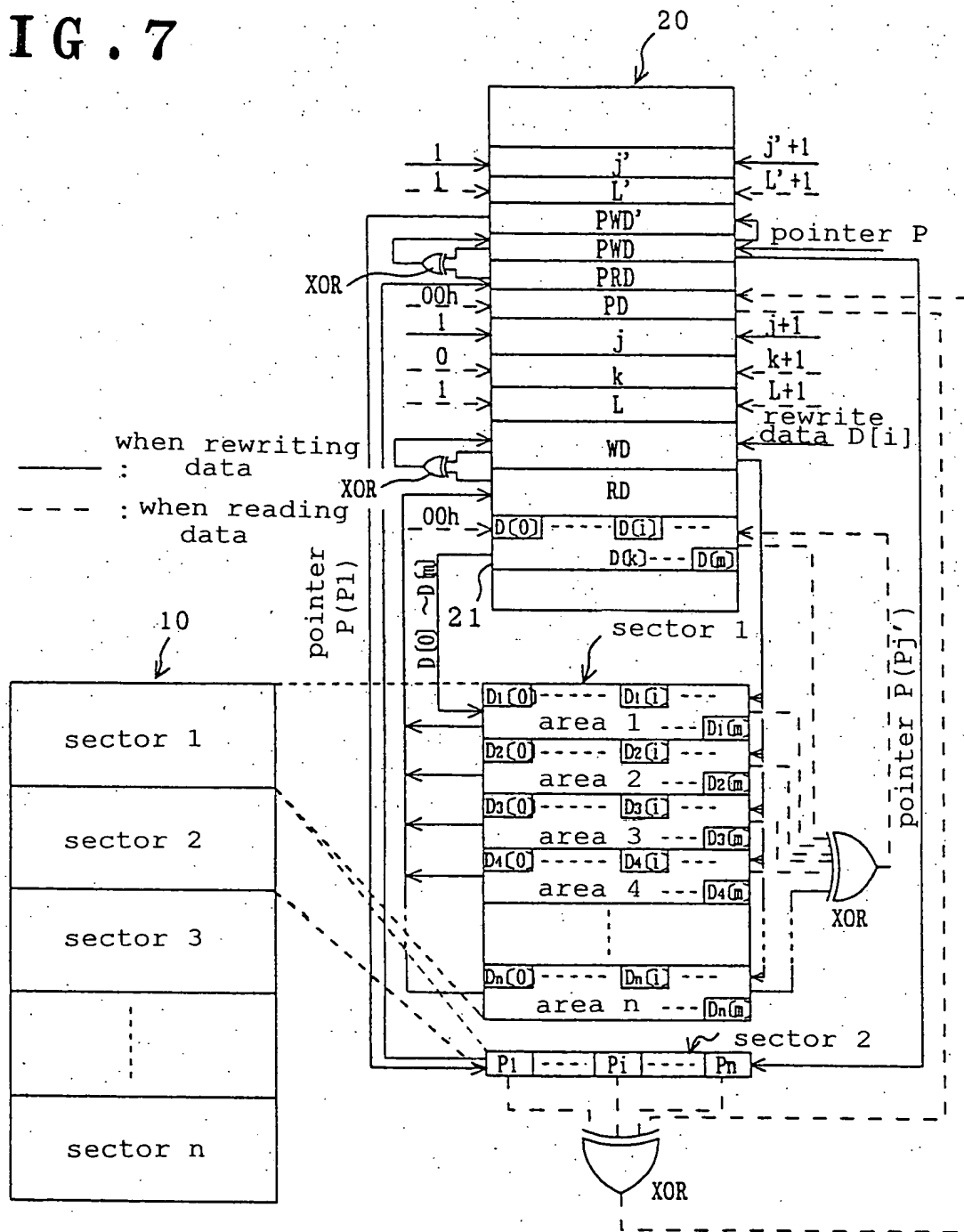


FIG. 6

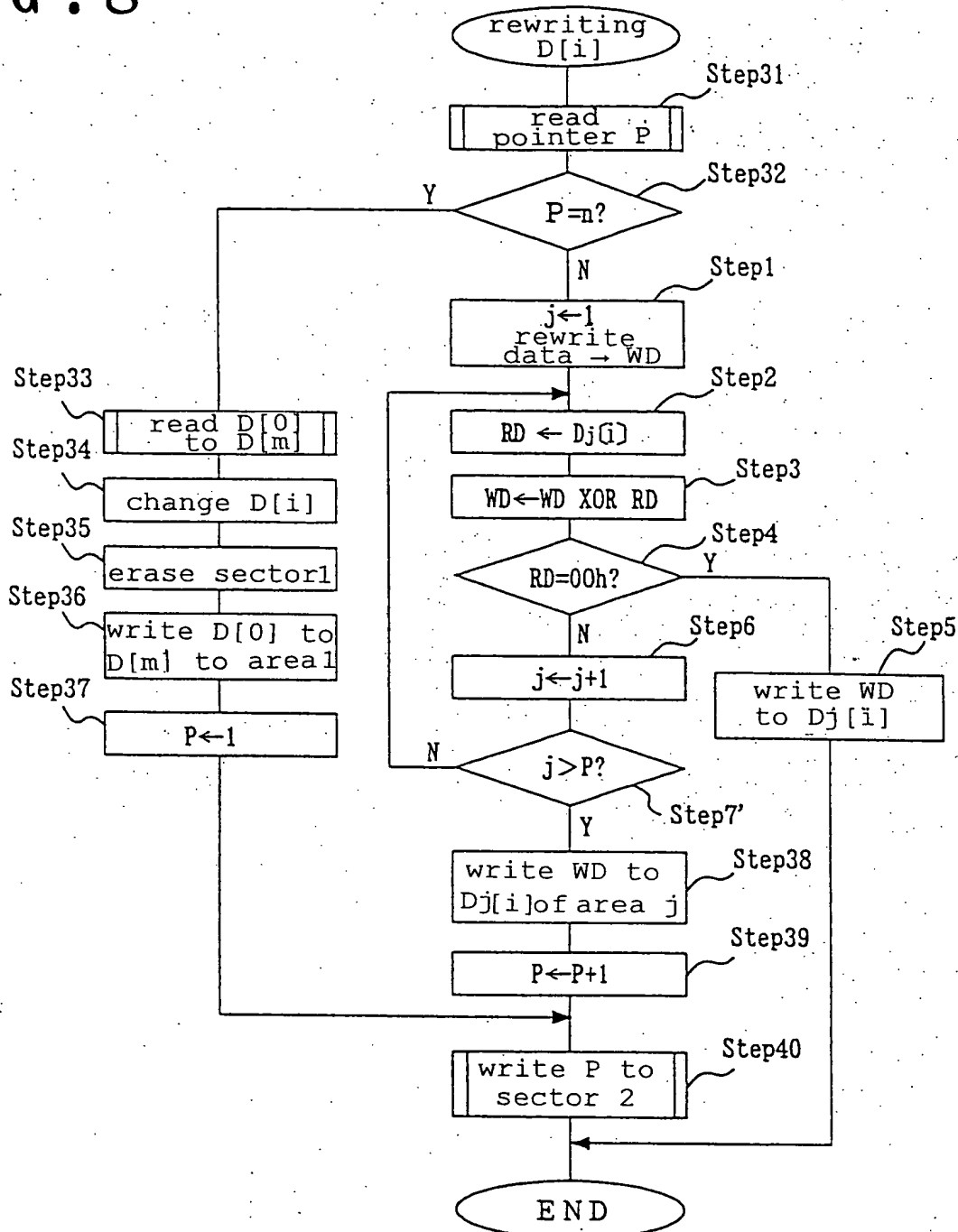




8/21

US08-0323

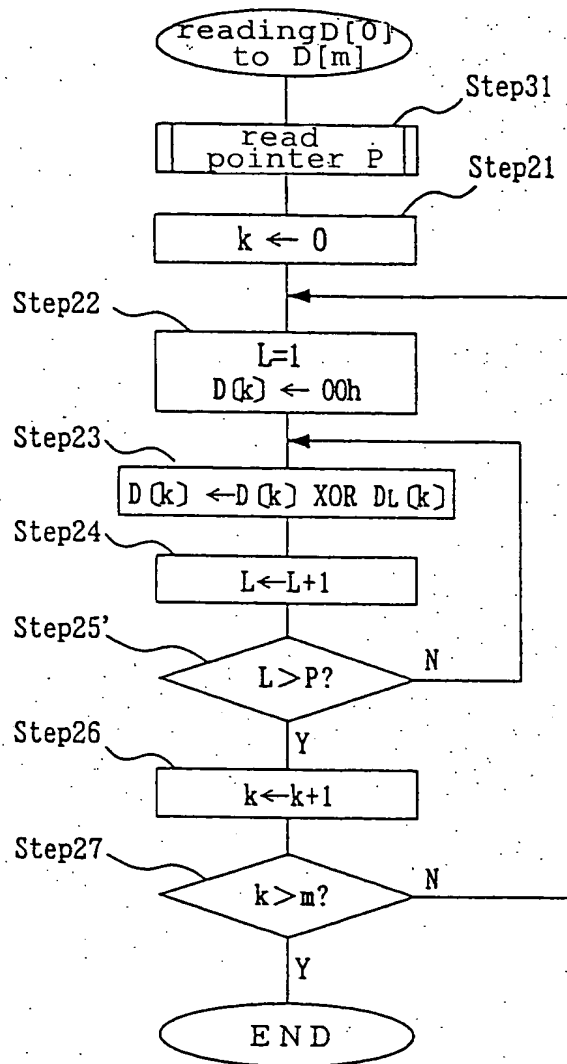
FIG. 8



9/21

US08-0323

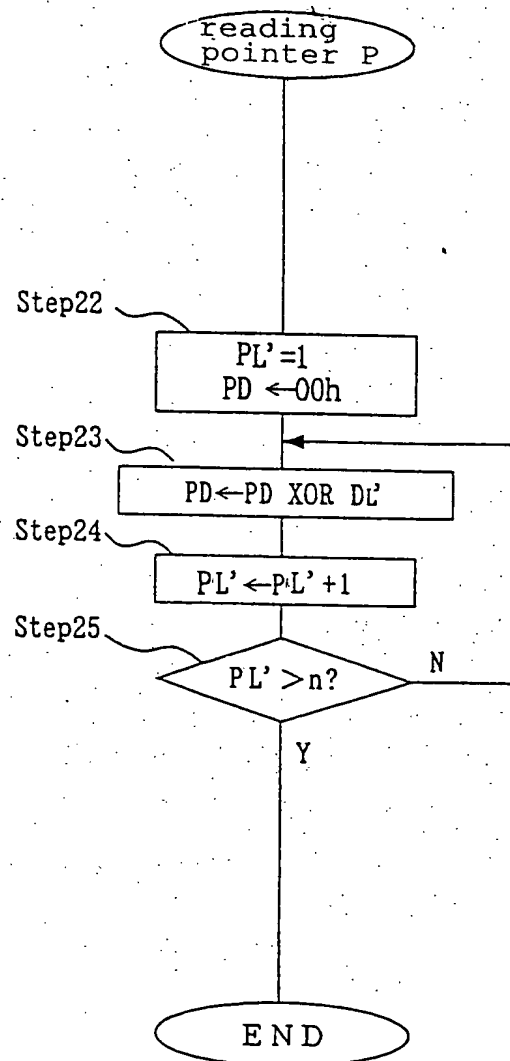
FIG. 9



10/21

US08-0323

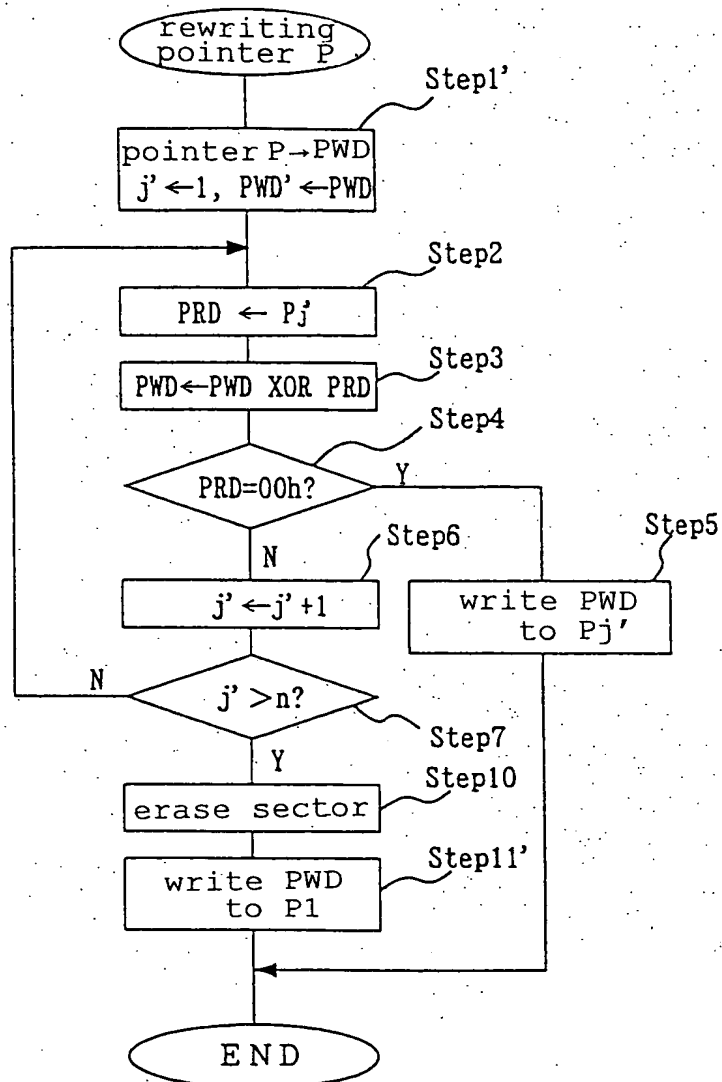
FIG. 10



11/21

US08-0323

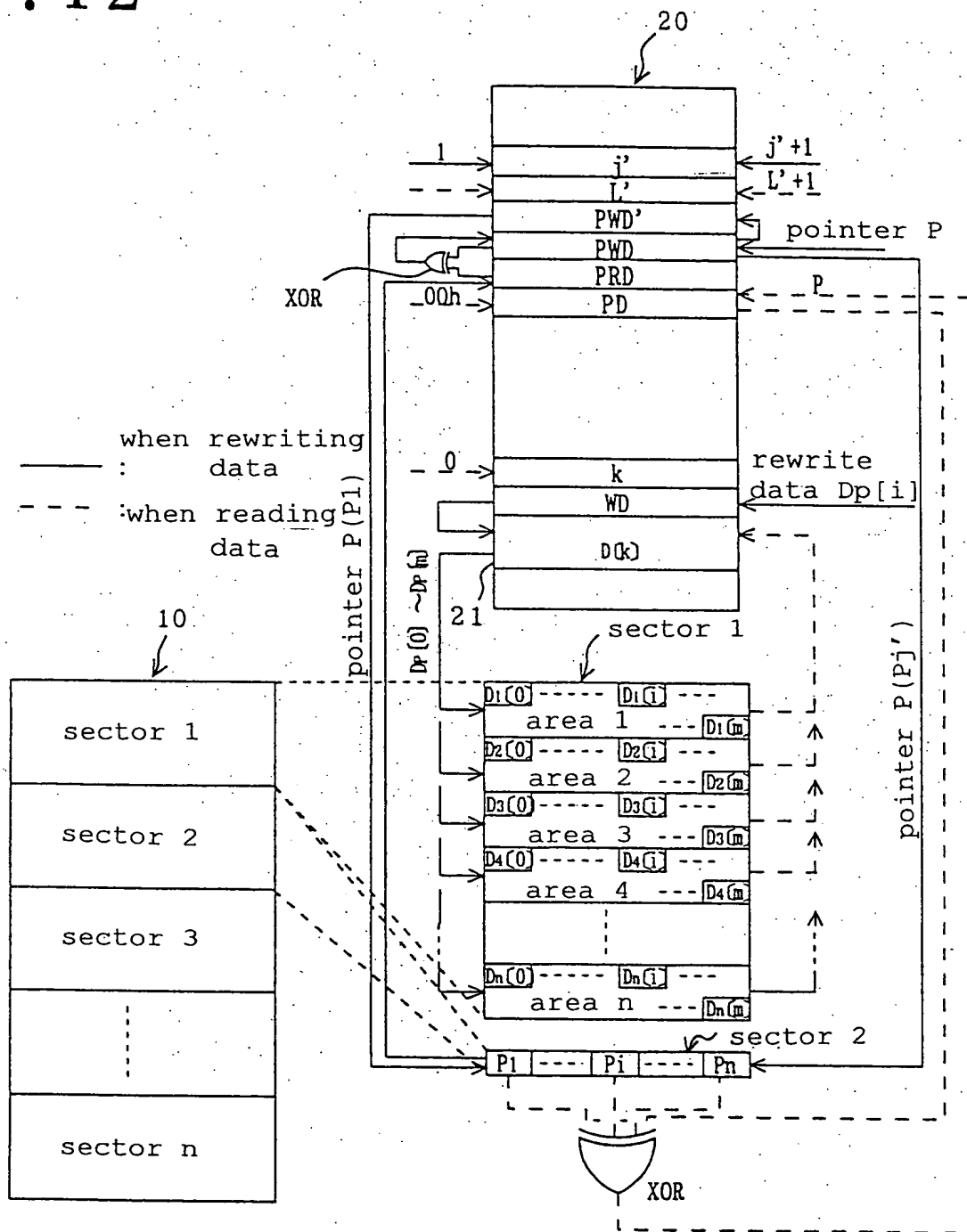
FIG. 11



12/21

US08-0323

FIG. 12



13/21

US08-0323

FIG. 13

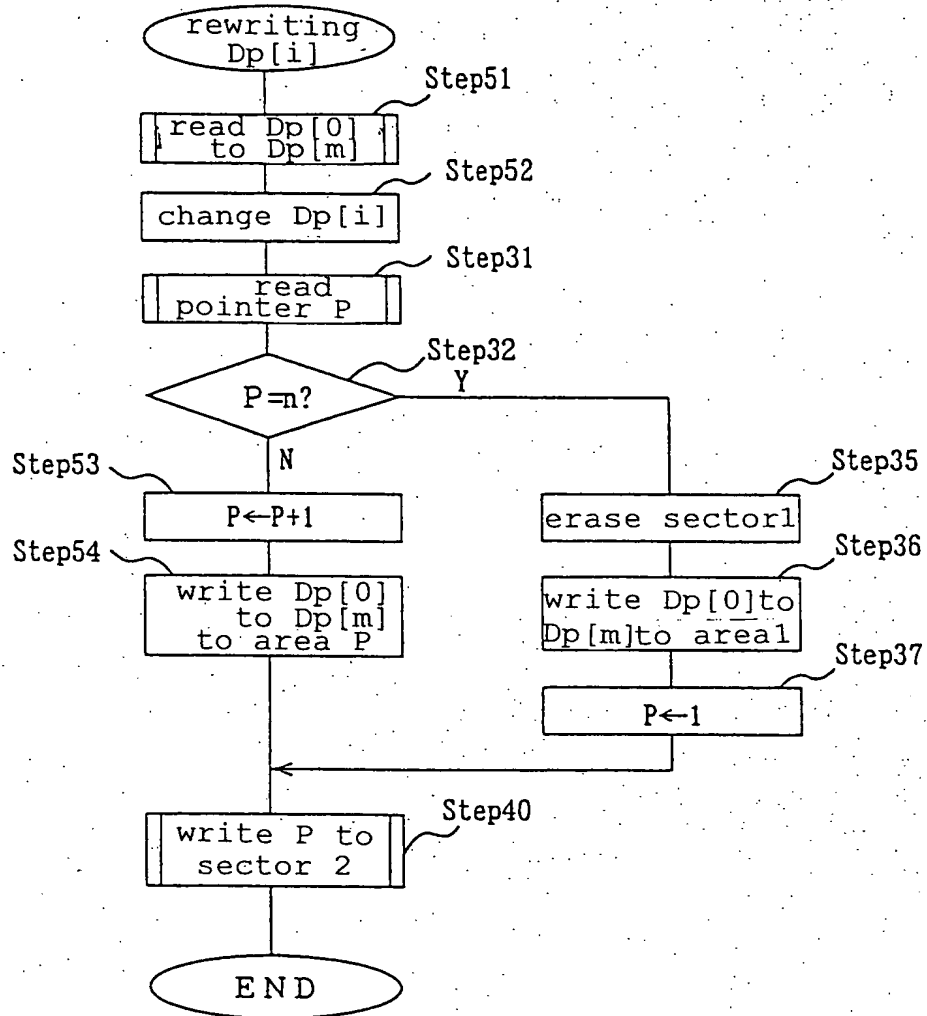


FIG. 14

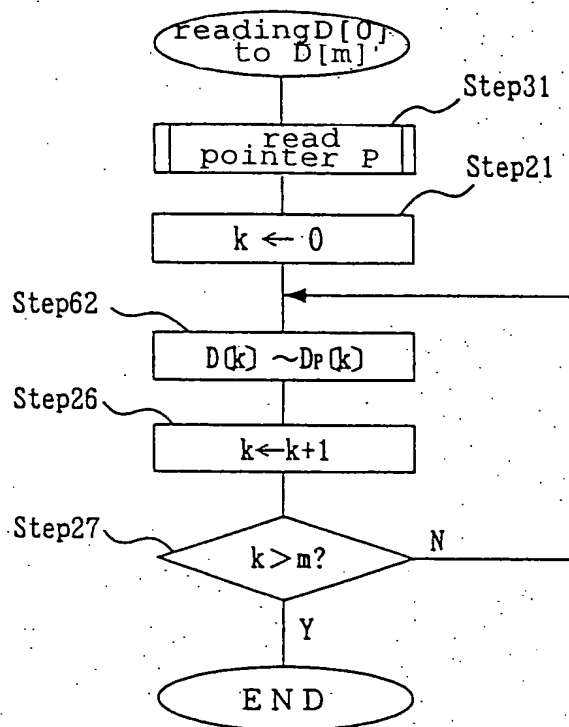


FIG. 15

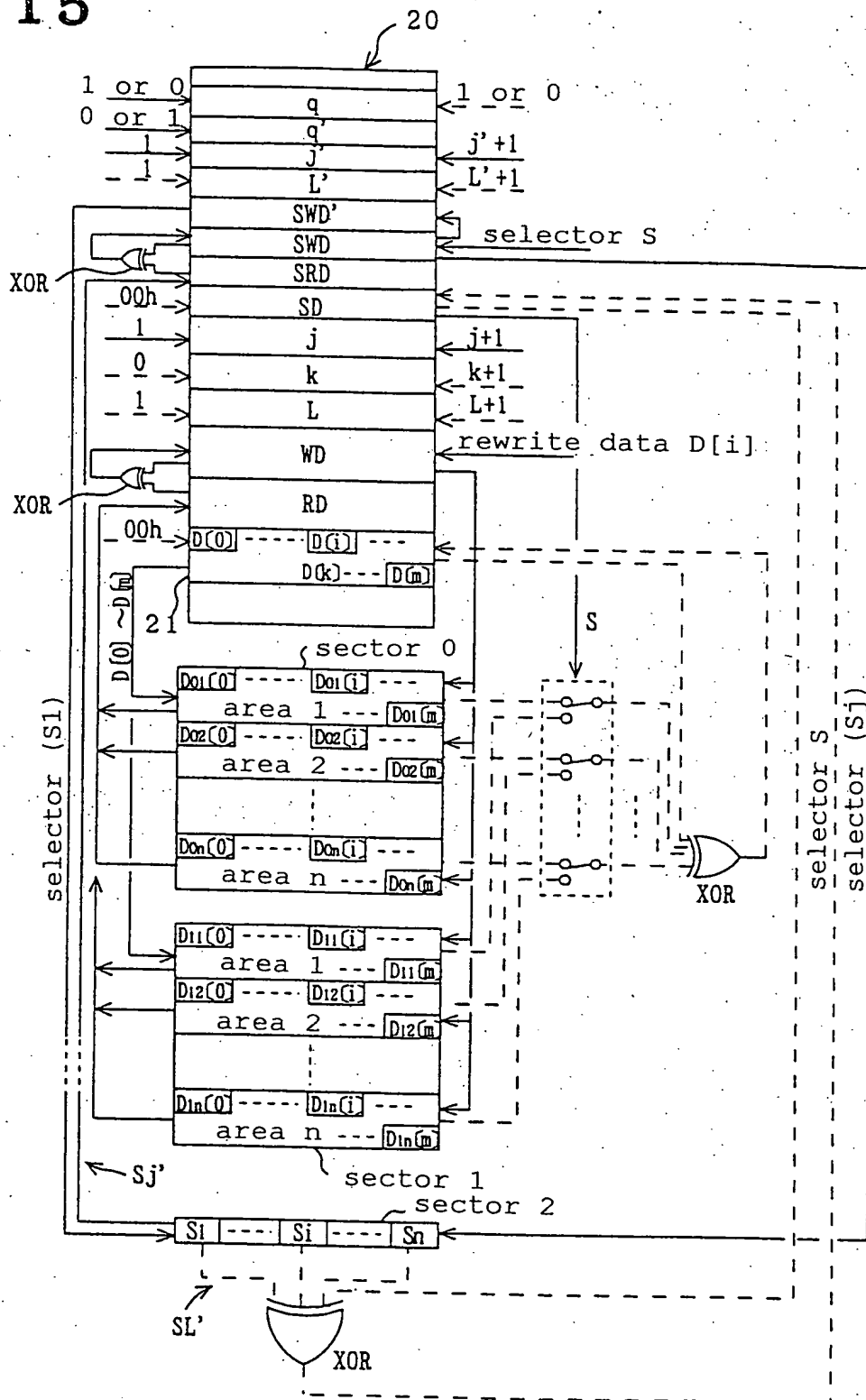


FIG. 16

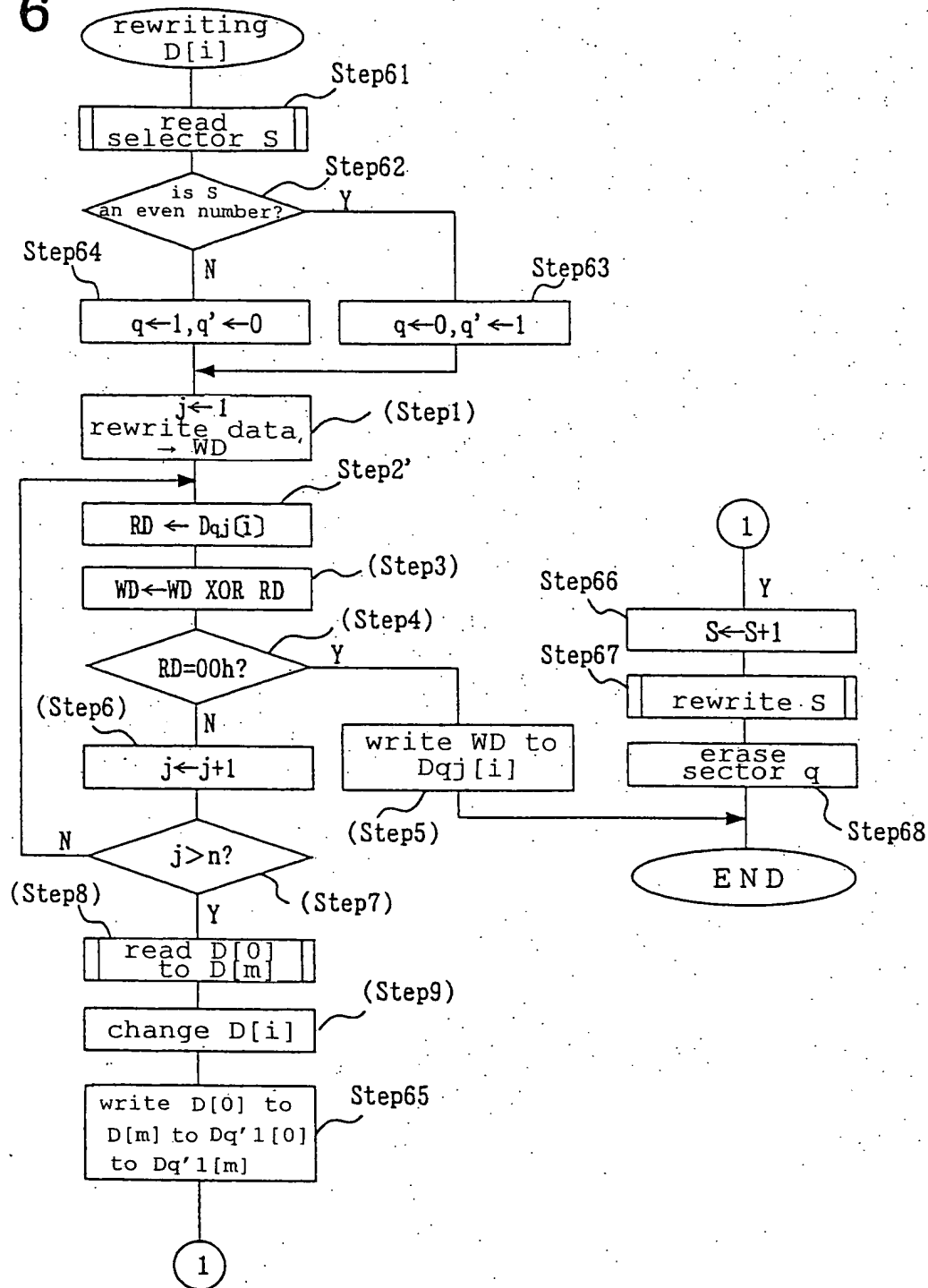


FIG. 17

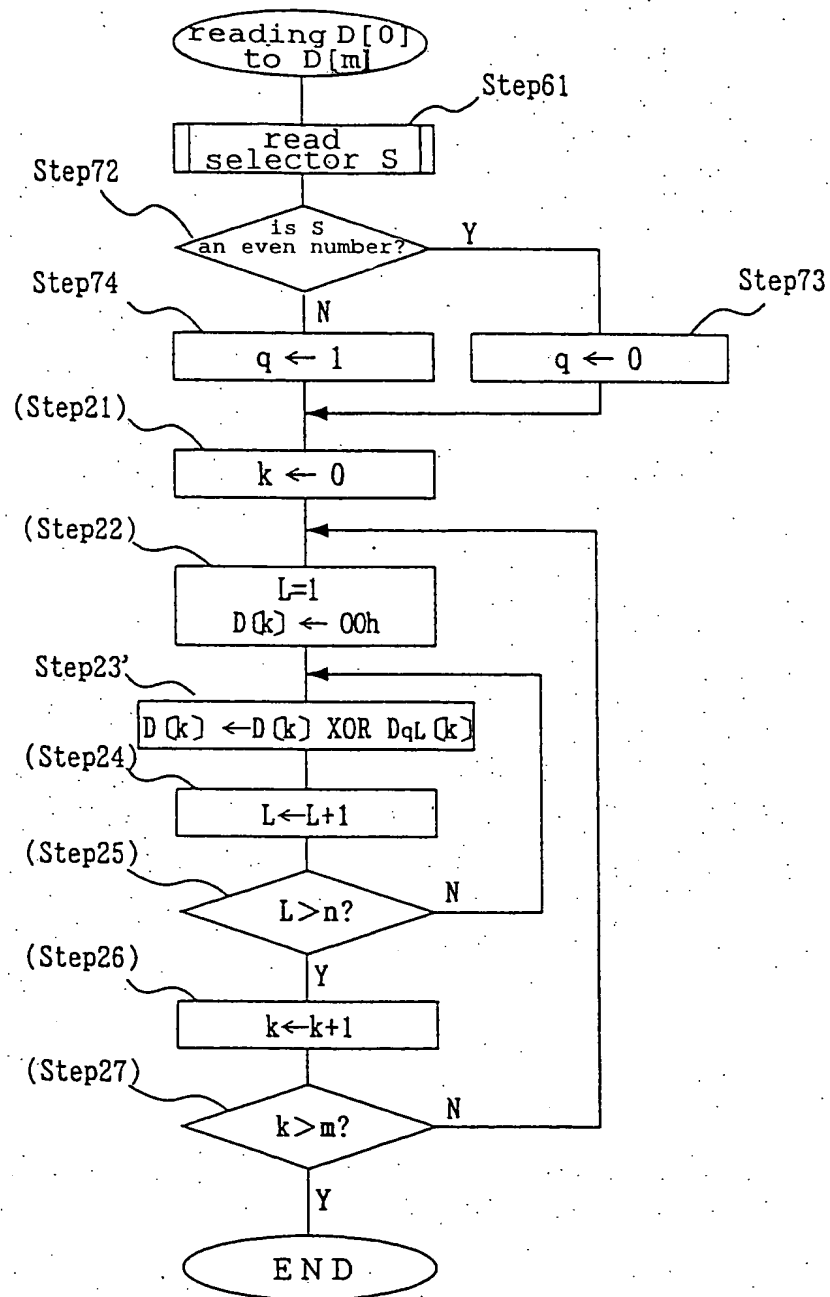


FIG. 18A

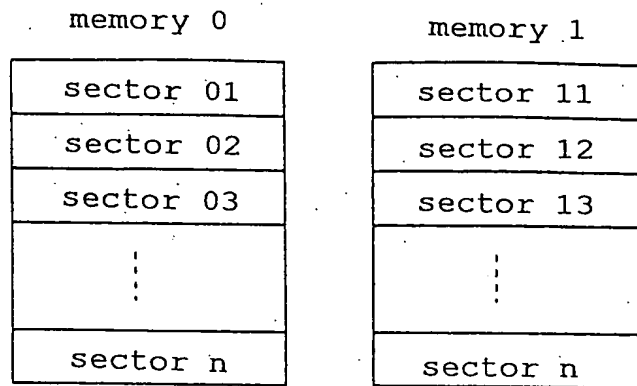


FIG. 18B

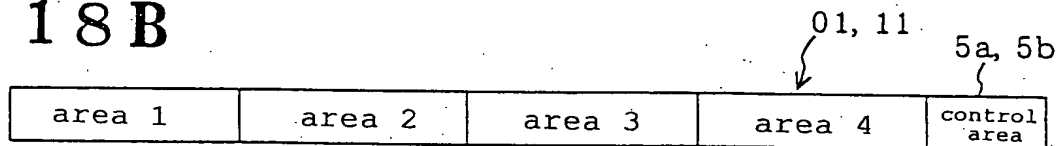
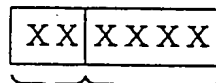


FIG. 18C

control area 5a, 5b



area selector

| | write time | read time |
|------------|------------|-----------|
| 0001 | area 2 | area 1 |
| 0011 | area 3 | area 2 |
| 0111 | area 4 | area 3 |
| 1111or0000 | area 1 | area 4 |

memory selector

FIG. 18D

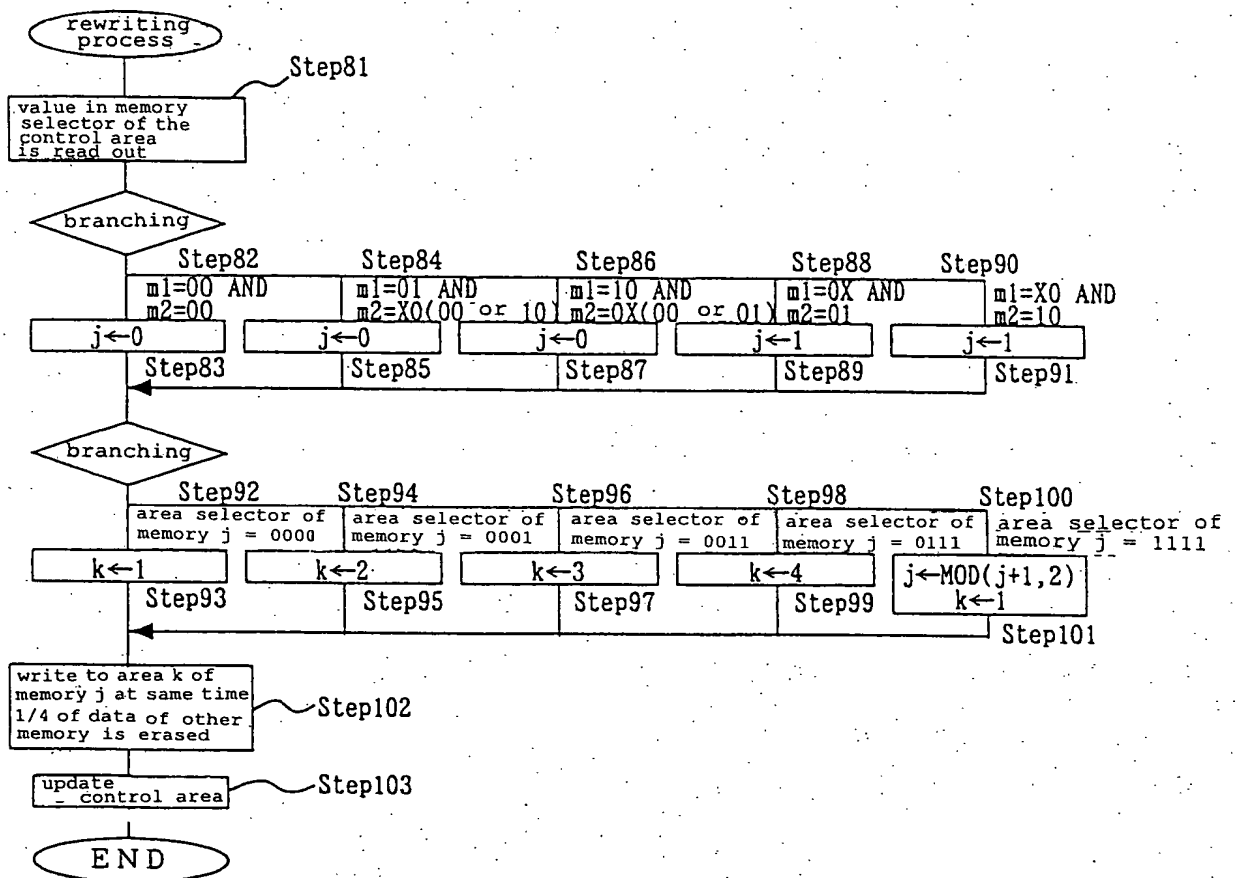
| m0 | m1 | selected memory |
|----|----|-----------------|
| 00 | 00 | memory 0 |
| 01 | X0 | memory 0 |
| 10 | 0X | memory 0 |
| 0X | 01 | memory 1 |
| X0 | 10 | memory 1 |

FIG. 18E

19/21

US08-0323

FIG. 19



| sector 01 of memory 0 | | | | | | | | | | sector 11 of memory 1 | | | | | | | | | |
|-----------------------|--------|---------|---------|---------|---------|---------|---------|---------|---------|-----------------------|--|--|--|--|--|--|--|--|--|
| control area 5a | | | | | | | | | | control area 5b | | | | | | | | | |
| FIG. 20A | 000000 | All 00h | All 00h | All 00h | All 00h | All 00h | All 00h | All 00h | All 00h | 000000 | | | | | | | | | |
| FIG. 20B | 010001 | Data | All 00h | All 00h | All 00h | All 00h | All 00h | All 00h | All 00h | 000000 | | | | | | | | | |
| FIG. 20C | 010011 | Data | Data | All 00h | All 00h | All 00h | All 00h | All 00h | All 00h | 000000 | | | | | | | | | |
| FIG. 20D | 010111 | Data | Data | Data | All 00h | All 00h | All 00h | All 00h | All 00h | 000000 | | | | | | | | | |
| FIG. 20E | 011111 | Data | Data | Data | Data | All 00h | All 00h | All 00h | All 00h | 000000 | | | | | | | | | |
| FIG. 20F | 0XXXXX | All XXh | All 00h | All XXh | All XXh | Data | All 00h | All 00h | All 00h | 010001 | | | | | | | | | |
| | | : | | | | : | | | | | | | | | | | | | |
| FIG. 20G | 000000 | All 00h | All 00h | All 00h | All 00h | Data | Data | Data | Data | 011111 | | | | | | | | | |
| FIG. 20H | 100001 | Data | All 00h | All 00h | All 00h | All XXh | All XXh | All XXh | All XXh | 0XXXXX | | | | | | | | | |
| | | : | | | | : | | | | | | | | | | | | | |
| FIG. 20I | 101111 | Data | Data | Data | Data | All 00h | All 00h | All 00h | All 00h | 000000 | | | | | | | | | |
| FIG. 20J | X0XXXX | All XXh | All XXh | All XXh | All XXh | Data | All 00h | All 00h | All 00h | 100001 | | | | | | | | | |
| | | : | | | | : | | | | | | | | | | | | | |
| FIG. 20K | 000000 | All 00h | All 00h | All 00h | All 00h | Data | Data | Data | Data | 101111 | | | | | | | | | |

FIG. 21

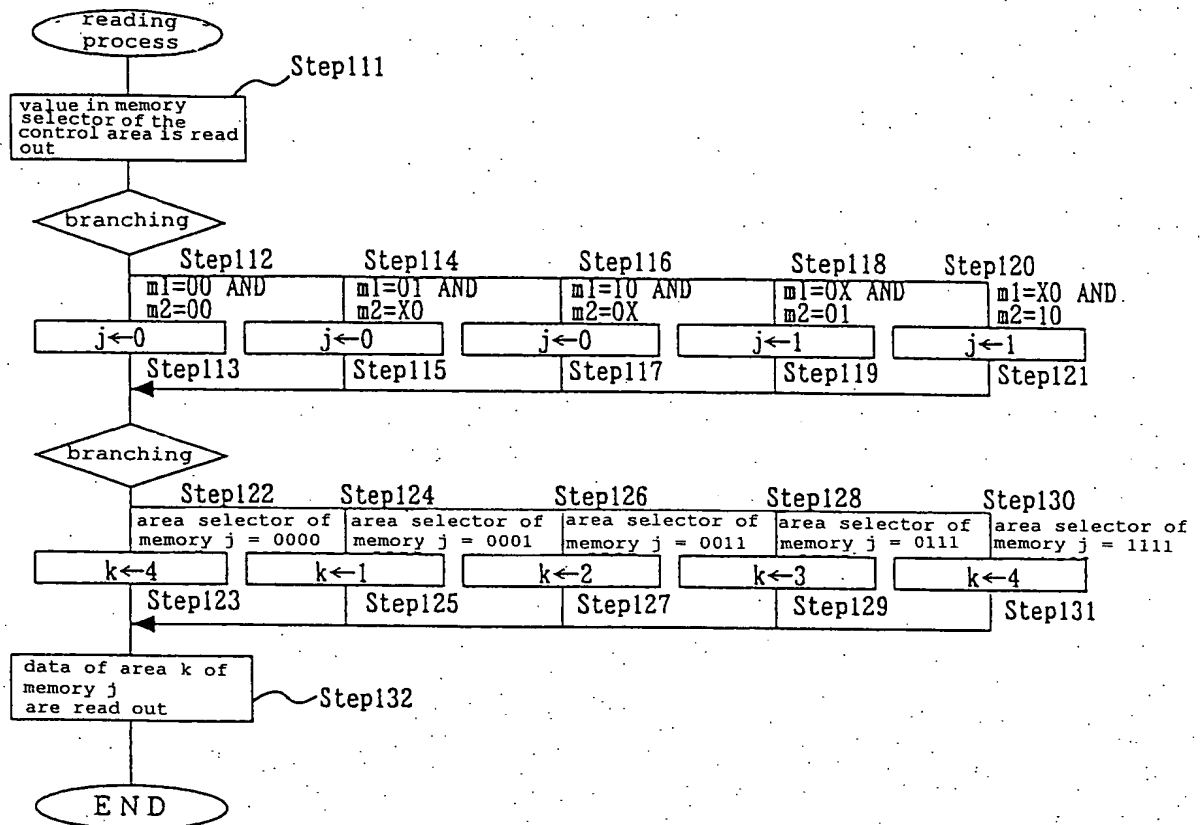


FIG. 22

